

2011 Employee and CU Student Survey for Transportation Comparison of Survey Results

October 2012



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Background

The Boulder Valley Employee Transportation Survey has been implemented eight previous times: in 1991, 1993, 1995, 1997, 1999, 2001, 2005 and 2008. A similar effort for Downtown Boulder employees was conducted in the fall of several of the same years. In 2005, it was decided that these efforts could be combined to achieve some cost savings for all the involved agencies. The University of Colorado was also interested in joining the effort, and the study was expanded to include a survey of students on the Boulder campus and a survey of faculty and staff. In 2011, CU Boulder again joined the survey effort. All participating agencies had previously implemented some kinds of transportation surveys. As much as possible, in 2005 the same set of questions was used across all the study groups, to allow comparisons, and to realize the cost-efficiency savings. In 2011, the surveys were again kept as similar as possible.

Where questions were similar enough to allow direct comparison, results have been included in this report. (A separate report of results was produced for each surveyed group.) In addition, a few questions could be compared to information from the 2011 American Community Survey (conducted by the U.S. Census Bureau) about the journey to work.

Modal Split of the Work Commute

Modal Split of Work Commute	2011 American Community Survey (Place of Residence)						2011 Boulder Valley Employee and Student Transportation Survey (Typical Commute to Work)			
	United States	Colorado	Denver-Aurora-Boulder, CO CSA	Denver-Aurora-Broomfield, CO Metro Area	Boulder County, Colorado	Boulder city, Colorado	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Boulder Students
Drove alone	76.4%	75.5%	75.6%	76.9%	64.0%	54.0%	62%	34%	44%	16%
Carpooled	9.7%	9.8%	9.1%	9.0%	8.5%	6.3%	10%	8%	11%	4%
Public transportation*	5.0%	3.1%	4.2%	4.3%	5.9%	8.2%	11%	31%	25%	36%
Walked	2.8%	2.9%	2.3%	2.1%	4.6%	9.0%	4%	9%	4%	24%
Bicycle	0.6%	1.4%	1.3%	0.9%	4.0%	9.6%	8%	16%	11%	20%
Taxicab, motorcycle, or other*	1.2%	1.1%	1.2%	1.0%	1.6%	1.1%	2%	1%	2%	1%
Worked at home	4.3%	6.3%	6.3%	5.9%	11.3%	11.8%	2%	1%	4%	NA
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100%	100%	100%	100%

* Note: In the Boulder Valley Transportation Survey, multi-mode trips were included with public transportation. Additionally, motorcycles were included in the "drive alone" and "carpooled" categories. The "other" category also included compressed work week.

Time Leaving Home To Go To Work

Time Leaving Home To Go To Work	2011 American Community Survey (Place of Residence)						2011 Boulder Valley Employee and Student Transportation Survey			
	United States	Colorado	Denver-Aurora-Boulder, CO CSA	Denver-Aurora-Broomfield, CO Metro Area	Boulder County, Colorado	Boulder city, Colorado	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/ Staff	CU Boulder Students
12:00 a.m. to 4:59 a.m.	4.3%	4.0%	3.9%	4.0%	2.6%	0.7%	2%	1%	2%	0%
5:00 a.m. to 5:29 a.m.	3.7%	3.5%	3.4%	3.3%	1.7%	0.5%	2%	4%	1%	0%
5:30 a.m. to 5:59 a.m.	4.8%	5.0%	4.7%	4.7%	3.9%	1.6%	5%	6%	2%	0%
6:00 a.m. to 6:29 a.m.	8.7%	8.2%	8.6%	8.9%	5.2%	2.1%	4%	3%	6%	2%
6:30 a.m. to 6:59 a.m.	9.9%	10.6%	10.9%	11.1%	8.2%	6.6%	8%	7%	11%	2%
7:00 a.m. to 7:29 a.m.	14.8%	15.0%	14.9%	15.2%	12.5%	8.9%	18%	11%	20%	11%
7:30 a.m. to 7:59 a.m.	12.8%	13.2%	12.5%	12.2%	15.9%	14.2%	13%	11%	18%	11%
8:00 a.m. to 8:29 a.m.	11.2%	10.8%	11.4%	11.4%	13.5%	13.9%	14%	16%	15%	11%
8:30 a.m. to 8:59 a.m.	5.5%	5.8%	6.1%	5.7%	9.9%	14.2%	10%	10%	10%	12%
9:00 a.m. to 11:59 p.m.	24.4%	23.7%	23.5%	23.4%	26.7%	37.4%	24%	32%	15%	50%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100%	100%	100%	100%

Duration of Work Commute

Travel Time To Work	2011 American Community Survey (Place of Residence)						2011 Boulder Valley Employee and Student Transportation Survey			
	United States	Colorado	Denver-Aurora-Boulder, CO CSA	Denver-Aurora-Broomfield, CO Metro Area	Boulder County, Colorado	Boulder city, Colorado	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Boulder Students
Less than 10 minutes	13.4%	14.2%	10.4%	9.2%	16.1%	23.4%	16%	12%	5%	---
10 to 14 minutes	14.3%	14.5%	12.4%	11.7%	17.3%	22.0%	17%	22%	9%	---
15 to 19 minutes	15.5%	16.4%	15.5%	15.2%	17.6%	19.2%	12%	12%	12%	---
20 to 24 minutes	14.8%	15.2%	15.8%	16.2%	14.5%	11.0%	13%	7%	14%	---
25 to 29 minutes	6.1%	6.4%	7.0%	7.2%	5.3%	1.9%	10%	7%	9%	---
30 to 34 minutes	13.7%	13.9%	16.1%	17.2%	11.8%	7.4%	10%	7%	12%	---
35 to 44 minutes	6.4%	6.1%	7.7%	8.1%	5.1%	3.5%	10%	9%	13%	---
45 to 59 minutes	7.5%	6.7%	7.9%	8.2%	6.5%	6.0%	7%	12%	14%	---
60 or more minutes	8.1%	6.6%	7.1%	7.0%	5.7%	5.6%	6%	12%	12%	---
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100%	100%	100%	---
Average travel time (minutes)	25.5	24.5	26.2	26.6	22.8	20.1	23.2	28.7	31.9	---

Availability of Motor Vehicles for Work Commute

	2011 American Community Survey (Place of Residence)						2011 Boulder Valley Employee and Student Transportation Survey			
	United States	Colorado	Denver-Aurora-Boulder, CO CSA	Denver-Aurora-Broomfield, CO Metro Area	Boulder County, Colorado	Boulder city, Colorado	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Boulder Students
Vehicles Available										
No vehicle available	4.5%	2.3%	2.6%	2.7%	2.4%	4.9%	4%	8%	2%	---
1 vehicle available	21.7%	20.6%	21.2%	21.7%	20.9%	27.6%	27%	41%	30%	---
2 vehicles available	42.3%	44.0%	44.4%	44.6%	44.6%	42.7%	40%	35%	48%	---
3 or more vehicles available	31.5%	33.1%	31.8%	31.0%	32.1%	24.8%	29%	16%	20%	---
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100%	100%	100%	---

Primary Mode of Transportation by Survey Type

Primary mode used for work/school commute on day completed survey	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Students
Drove alone	71%	43%	45%	14%
Drove with at least one other person	6%	5%	11%	3%
Walked	4%	10%	4%	21%
Biked	5%	14%	9%	21%
Rode a bus or buses	7%	22%	27%	39%
Multi-mode	4%	6%	0%	0%
Worked at home	2%	0%	2%	1%
Other	1%	0%	2%	1%
Total	100%	100%	100%	100%

Distance of Commute

About how far is your home from work/school?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Students
0 to 2 miles	18%	27%	14%	63%
3 to 5 miles	23%	24%	21%	15%
6 to 10 miles	15%	8%	18%	6%
11 to 20 miles	27%	24%	30%	9%
over 20 miles	16%	17%	17%	8%
Total	100%	100%	100%	100%
Average Distance of Commute in Miles	11.7	10.9	13.2	5.6

Time Respondent Left Home to Go to Work/School

About what time did you leave home for work/school today?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Students
12:00 a.m. to 4:59 a.m.	2%	1%	2%	0%
5:00 a.m. to 5:29 a.m.	2%	4%	1%	0%
5:30 a.m. to 5:59 a.m.	5%	6%	2%	0%
6:00 a.m. to 6:29 a.m.	4%	3%	6%	2%
6:30 a.m. to 6:59 a.m.	8%	7%	11%	2%
7:00 a.m. to 7:29 a.m.	18%	11%	20%	11%
7:30 a.m. to 7:59 a.m.	13%	11%	18%	11%
8:00 a.m. to 8:29 a.m.	14%	16%	15%	11%
8:30 a.m. to 8:59 a.m.	10%	10%	10%	12%
9:00 a.m. to 11:59 p.m.	24%	32%	15%	50%
Total	100%	100%	100%	100%

Made Stop on Commute to Work/School

Did you come straight to work/school from home today?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Students
Yes	78%	82%	82%	89%
No	22%	18%	18%	11%
Total	100%	100%	100%	100%

Stops Made on Commute Home

Yesterday, or on the last day you worked how many stops did you make on your way home?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Students
No stops	57%	55%	53%	66%
1 stop	24%	24%	29%	17%
2 stops	12%	15%	12%	7%
3 or more stops	7%	6%	6%	10%
Total	100%	100%	100%	100%
Average Number of Stops	.8	.9	.8	.8
Average Number of Stops of Those Making at Least 1 Stop	1.8	2.0	1.7	2.5

Typical Mode of Transportation Used for Work Commute

During a typical week, how many days do you commute to work in each of the ways listed below?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Students
Drive alone	62%	34%	44%	16%
Drive with at least one other person	10%	8%	11%	4%
Multi-mode (e.g., car then bus, bike then bus, etc.)	3%	7%	6%	7%
Walk	4%	9%	4%	24%
Bike	8%	16%	11%	20%
Ride a bus(es)	8%	24%	19%	29%
Compressed work week	2%	1%	1%	1%
Work at home	2%	1%	4%	NA
Other	0%	0%	1%	0%

Compressed Work Week

Does your job allow you to work a compressed work week? (For example, working 40 hours in four days or 80 hours in nine days)	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
Yes	24%	20%	32%
No	76%	80%	54%
Don't Know (CU Faculty/Staff only)	0%	0%	14%
Total	100%	100%	100%

Teleworking

On average, how often do you telework (work at home instead of going into the office) a month? (Include only full days at home when you did not travel to your work place.)	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
Never	72%	70%	50%
Less than once a month	10%	18%	23%
1 to 3 days per month	9%	7%	12%
Once a week	5%	2%	7%
Twice a week	2%	1%	5%
Three days a week or more	3%	2%	3%
Total	100%	100%	100%

Work Day Trips

Did you make any trips during your workday yesterday (or on the last day you worked), not including your work commute?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
None	32%	22%	68%
One or more	68%	78%	32%
Total	100%	100%	100%
Average Number of Trips	1.5	1.4	.8
Average Number of Trips Of Those Making One or More Trips	2.2	1.8	2.4

Work Day Errands

Does your job require you to run errands or attend meetings away from the work site?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
Yes	51%	40%	59%
No	49%	60%	41%
Total	100%	100%	100%

Vehicle Availability for Work Day Errands

If you run errands or attend meetings for your job, is there a work vehicle available to you or must you provide your own transportation?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
I must use my own vehicle or other means of transportation	86%	86%	79%
I use an employer-provided vehicle	16%	6%	13%
I use an employer-provided bicycle	2%	2%	2%
I use eGo CarShare	0%	0%	1%
I use Boulder B-cycle	1%	4%	1%
Other	8%	11%	18%

ECO-Pass Status

Do you have an ECO-Pass or a sticker on your BuffOne Card?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Students
Yes	33%	80%	99%	92%
No	67%	20%	1%	8%
Total	100%	100%	100%	100%

Transit Use for Work Commute

Do you ever ride a bus to work/school?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
Yes	34%	68%	63%
No	66%	32%	37%
Total	100%	100%	100%

Transit Use for Non-work trips

During a typical week do you ever use the RTD bus or Light Rail system for trips that are not for commuting, but are for pleasure or personal business?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
Never	78%	57%	70%
Ever	22%	43%	30%
Total	100%	100%	100%
Average Number of Trips	.8	1.6	.9
Average Number of Trips Of Those Making One or More Trips	3.7	3.7	3.2

Child Care Responsibilities

Are you responsible at least some of the time for transporting your child(ren) to and/or from school or child care?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
Yes, school	15%	10%	16%
Yes, childcare	3%	4%	6%
Yes, both school and childcare	2%	3%	6%
No	80%	83%	72%
Total	100%	100%	100%

Child Care Responsibilities On Day of Survey

Did you take your child(ren) to school or childcare today?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
Yes, school	29%	35%	37%
Yes, childcare	7%	9%	14%
Yes, both school and childcare	4%	6%	8%
No	61%	50%	42%
Total	100%	100%	100%

Full or Part Time Employee

Are you a full or part-time employee?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
Full-time	78%	88%	88%
Part-time	22%	12%	12%
Total	100%	100%	100%

Pay Rate

What is your hourly pay rate at this job?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
\$7.00 per hour or less	3%	4%	0%
\$7.01 to \$10.00 per hour	10%	5%	0%
\$10.01 to \$12.00 per hour	10%	11%	1%
\$12.01 to \$15.00 per hour	14%	13%	5%
\$15.01 to \$20.00 per hour	18%	18%	19%
\$20.01 to \$25.00 per hour	14%	16%	23%
\$25.01 to \$50.00 per hour	23%	26%	39%
\$50.01 or more per hour	10%	7%	12%
Total	100%	100%	100%

Motor Vehicle Availability

At present, how many motorize vehicles - cars, vans, or light trucks - does your household have the use of?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
None	4%	8%	2%
One vehicle	27%	41%	30%
Two vehicles	40%	35%	48%
Three or more vehicles	29%	16%	20%
Total	100%	100%	100%

Motor Vehicle Availability

Is a car or other motor vehicle usually available to you for commuting to work/school?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Students
Yes	89%	78%	89%	70%
No	11%	22%	11%	30%
Total	100%	100%	100%	100%

Bicycle Availability

Is a bicycle usually available to you for commuting to work/school?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Students
Yes	63%	74%	59%	63%
No	37%	26%	41%	37%
Total	100%	100%	100%	100%

eGo Car Share Membership Status

Are you a member of eGo CarShare?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Students
Yes	1%	1%	3%	3%
No	99%	99%	97%	97%
Total	100%	100%	100%	100%

Boulder B-Cycle Membership Status

Are you a member of Boulder B-cycle (bike share)?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff	CU Students
Yes	3%	6%	1%	1%
No	97%	94%	99%	99%
Total	100%	100%	100%	100%

CU Student Status

Are you a student at CU Boulder?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
Yes, an undergraduate student	5%	3%	1%
Yes, a graduate student	2%	0%	1%
No	93%	97%	98%
Total	100%	100%	100%

Respondent's Location

Where do you live?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
Boulder (within the city limits)	39%	51%	35%
Unincorporated Boulder County	9%	6%	8%
Ward/Nederland/Jamestown	2%	1%	2%
Lyons	0%	1%	1%
Superior	1%	1%	2%
Lafayette	5%	4%	6%
Louisville	5%	4%	5%
Longmont	13%	12%	10%
Erie	2%	1%	3%
Broomfield	4%	2%	5%
Westminster	4%	3%	4%
Arvada	1%	1%	2%
Denver or other metro-area suburb	6%	10%	7%
Berthoud/Loveland/Fort Collins	1%	1%	1%
Weld County	1%	0%	1%
Other	5%	4%	6%
Total	100%	100%	100%

Annual Household Income

How much do you anticipate your household's total income before taxed will be for 2011?	(All) Boulder Valley Employees	Downtown Boulder Employees	CU Faculty/Staff
Less than \$10,000	4%	2%	0%
\$10,000 to \$19,999	5%	4%	0%
\$20,000 to \$29,999	7%	10%	2%
\$30,000 to \$39,999	12%	9%	5%
\$40,000 to \$49,999	8%	8%	10%
\$50,000 to \$74,999	19%	22%	20%
\$75,000 to \$99,999	15%	13%	18%
\$100,000 to \$149,999	17%	19%	26%
\$150,000 or more	12%	12%	18%
Total	100%	100%	100%